| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S1 | 33093 | (determin$3 or calculat$3 or measur$3) with (time) with (exist$3 or available) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/03 14:04 |
| S2 | 5 | (determin$3 or calculat$3 or measur$3) with (time) with (exist$3 or available) and (force) with (hop) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/03 14:07 |
| S3 | 378 | (determin$3 or calculat$3 or measur$3) with (time) with ((exist$3 or available) and (transaction)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/03 14:08 |
| S4 | 8 | (determin$3 or calculat$3 or measur$3) with (time) with ((exist$3 or available) and (transaction)) and (FDMA) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/03 15:21 |
| S5 | 51 | ((RFID) or (radio adj frequency adj identification)) with ((frequency adj hopping) or (FDMA)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/03 16:23 |
| S6 | 1 | ((RFID) or (radio adj frequency adj identification)) with ((frequency adj hopping) or (FDMA)) and (determin$3 or calculat$3 or measur$3) with (transaction or task or performance) with (time) and (available) with (time) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/03 15:56 |
| S7 | 1 | ((RFID) or (radio adj frequency adj identification)) with ((frequency adj hopping) or (FDMA)) and (determin$3 or calculat$3 or measur$3) with (transaction or task or performance) with (time) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/03 15:56 |
| S8 | 23 | ((RFID) or (radio adj frequency adj identification)) with ((frequency adj hopping) or (FDMA)) and (determin$3 or calculat$3 or measur$3) with time | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/03 16:04 |

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S9 | 18 | ((RFID) or (radio adj frequency adj identification)) with ((frequency adj hopping) or (FDMA)) and (chang$3 or mov$3 or modif$3) with (frequency) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/03 16:36 |
| S10 | 8 | ((RFID) or (radio adj frequency adj identification)) with ((frequency adj hopping) or (FDMA)) and (chang$3 or mov$3 or modif$3) with (frequency) with (hop$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/03 17:03 |
| S11 | 2 | ((RFID) or (radio adj frequency adj identification)) with ((frequency adj hopping) or (FDMA)) and (first and second) with ( carrier adj frequency) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/03 17:10 |
| S13 | 1 | ((RFID) or (radio adj frequency adj identification)) with ((FDMA)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/03 17:18 |
| S14 | 1 | ((RFID) or (radio adj frequency adj identification)) same ((FDMA)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/03 17:19 |
| S15 | 50 | ((RFID) or (radio adj frequency adj identification)) with (frequency adj hopping) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/03 17:19 |
| S16 | 1 | ((RFID) or (radio adj frequency adj identification)) with (frequency adj hopping) and (first adj4 carrier adj frequency) same (second adj4 carrier adj frequency) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/03 17:20 |
| S17 | 1 | ((RFID) or (radio adj frequency adj identification)) with (frequency adj hopping) and (first adj4 carrier adj frequency) and (second adj4 carrier adj frequency) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/03 17:20 |

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S18 | 2 | ((RFID) or (radio adj frequency adj identification)) with (frequency adj hopping) and (first with carrier adj frequency) same (second with carrier adj frequency) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/03 17:20 |
| S19 | 2 | ((RFID) or (radio adj frequency adj identification)) with (frequency adj hopping) and (first with carrier adj frequency) and (second with carrier adj frequency) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/03 17:21 |
| S20 | 3 | ((RFID) or (radio adj frequency adj identification)) with (frequency adj hopping) and (multiple or many or several or plurality) with (carrier adj frequency) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/03 17:48 |
| S21 | 340 | (frequency adj hopping) and (multiple or many or several or plurality) with (carrier adj frequency) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/03 17:48 |
| S23 | 2 | (frequency adj hopping) and (multiple or many or several or plurality) with (carrier adj frequency) and (calculat$3 or measur$3 or determin$3) with (transaction or task) with (time) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/03 17:52 |
| S24 | 97 | (frequency adj hopping) and (multiple or many or several or plurality) with (carrier adj frequency) and (chang$3 or mov$3 or modif$4) with (carrier adj frequency) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/03 17:52 |
| S25 | 10 | (frequency adj hopping) and (multiple or many or several or plurality) with (carrier adj frequency) and (chang$3 or mov$3 or modif$4) with (carrier adj frequency) and transponder | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/04 09:47 |
| S26 | 2 | (frequency adj hopping) and (multiple or many or several or plurality) with (carrier adj frequency) and hop$3 with (expir$5 or limit or bracket or range) with (time) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/04 14:46 |

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S27 | 5 | (frequency adj hopping) with (carrier adj frequency) and hop$3 with (expir$5 or limit or bracket or range) with (time) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/04 15:58 |
| S28 | 275 | RFID and frequency adj hopping | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/04 15:58 |
| S29 | 98 | RFID and frequency adj hopping and time with (task$3 or transaction$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/04 15:59 |
| S31 | 1 | RFID and frequency adj hopping same time with (task$3 or transaction$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/04 16:10 |
| S32 | 1 | RFID and frequency adj hopping same time same (task$3 or transaction$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/04 16:10 |
| S34 | 2 | RFID and frequency adj hopping and time with (task$3 or transaction$2) with hop$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/04 16:10 |
| S35 | 2 | RFID and frequency adj hopping and time with (task$3 or transaction$2) with hop$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/04 16:13 |
| S38 | 3 | frequency adj hopping with force | USPAT | OR | OFF | 2005/05/04 16:34 |
| S39 | 4 | frequency adj hopping with (abrupt or force) | USPAT | OR | OFF | 2005/05/04 17:09 |
| S41 | 1 | frequency adj hopping and (calculat$3 or measur$3 or determin$3) with (transaction adj6 time) same (availab$5 adj6 time) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/04 17:10 |

| Ref | Hits | Search Query | Databases | Op | Status | Date/Time |
|---|---|---|---|---|---|---|
| S44 | 80 | frequency adj hopping and (calculat$3 or measur$3 or determin$3) with (availab$5 adj6 time) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/04 17:12 |
| S45 | 31 | frequency adj hopping and (calculat$3 or measur$3 or determin$3) with (availab$5 adj6 time) and (task or transaction or performance) with time | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/04 17:30 |
| S46 | 12 | frequency adj hopping and (calculat$3 or measur$3 or determin$3) with (availab$5 adj6 time) same (task or transaction or performance) with time | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/04 17:12 |
| S47 | 5 | (("6157811") or ("5848060") or ("5523726") or ("5856804") or ("5917447")).PN. | USPAT; USOCR | OR | OFF | 2005/05/04 17:45 |
| S48 | 600 | ((analog adj1 digital adj converter) or ("A/D") or (ADC)) with (down adj1 convert$3) | USPAT | OR | OFF | 2005/05/04 17:46 |
| S49 | 91 | ((analog adj1 digital adj converter) or ("A/D") or (ADC)) with (down adj1 convert$3) with (amplifier$1) | USPAT | OR | OFF | 2005/05/04 17:46 |
| S50 | 6 | ((analog adj1 digital adj converter) or ("A/D") or (ADC)) with (down adj1 convert$3) with (multiple or many or plurality) with (amplifier$1) | USPAT | OR | OFF | 2005/05/04 17:46 |
| S51 | 3 | frequency adj hopping and transaction with hopping | USPAT | OR | OFF | 2005/05/05 08:28 |
| S52 | 451 | frequency adj hopping and (calculat$3 or measur$3 or determin$3) with (time) with (transmit$4 and receiv$3) | USPAT | OR | OFF | 2005/05/05 08:29 |
| S53 | 39 | frequency adj hopping and (calculat$3 or measur$3 or determin$3) with (time) with (transmit$4 and receiv$3) and (transmit$4) with (transponder) | USPAT | OR | OFF | 2005/05/05 08:31 |
| S54 | 23 | frequency adj hopping and (calculat$3 or measur$3 or determin$3) with (time) with (transmit$4 and receiv$3) with (transponder) | USPAT | OR | OFF | 2005/05/05 08:31 |

| Ref | Hits | Search Query | Databases | Op | Status | Date/Time |
|---|---|---|---|---|---|---|
| S57 | 23 | frequency adj hopping and (calculat$3 or measur$3 or determin$3) with (time) with (transmit$4 and receiv$3) with (transponder$3) | USPAT | OR | OFF | 2005/05/05 09:14 |
| S59 | 384 | (frequency adj hopping).AB. | USPAT | OR | OFF | 2005/05/05 09:15 |
| S60 | 65 | (frequency adj hopping).AB. and (calculat$3 or measur$3 or determin$3) with (time) with (transmit$4 and receiv$3) | USPAT | OR | OFF | 2005/05/05 09:16 |
| S64 | 6 | (frequency adj hopping).AB. and (calculat$3 or measur$3 or determin$3) with (time) with (transmit$4 and receiv$3) and transpond$4 | USPAT | OR | OFF | 2005/05/05 09:23 |
| S65 | 65 | (frequency adj hopping).AB. and (calculat$3 or measur$3 or determin$3) with (time) with (transmit$4 and receiv$3) | USPAT | OR | OFF | 2005/05/05 09:23 |
| S66 | 18 | (frequency adj hopping).AB. and (calculat$3 or measur$3 or determin$3) with (time) with (transmitting and receiving) | USPAT | OR | OFF | 2005/05/05 10:34 |
| S67 | 5 | (frequency adj hopping).AB. and hop$4 adj5 time and frequency with transition with time | USPAT | OR | OFF | 2005/05/05 11:01 |
| S68 | 73 | (frequency adj hopping).AB. and hop$4 adj5 time and (switch$3 or chang$3) with channel | USPAT | OR | OFF | 2005/05/05 11:02 |
| S69 | 22 | (frequency adj hopping).AB. and hop$4 adj5 time and (switch$3 or chang$3) adj3 channel | USPAT | OR | OFF | 2005/05/05 11:02 |
| S70 | 30 | (frequency adj hopping).AB. and hop$4 adj5 time and (switch$3 or chang$3) adj3 channel$3 | USPAT | OR | OFF | 2005/05/05 13:29 |
| S74 | 29 | (frequency adj hopping).AB. and data adj transmission with time and channel with time | USPAT | OR | OFF | 2005/05/05 13:29 |
| S75 | 12 | (frequency adj hopping).AB. and data adj transmission with time same channel with time | USPAT | OR | OFF | 2005/05/05 14:03 |
| S76 | 3 | (("20030002601") or ("20020196842") or ("20020167999")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/05/05 15:42 |
| S77 | 11 | ((RFID) or (radio adj frequency adj identification)) with (base adj station) and (multiple or many or plurality) with (transponder$2) | USPAT | OR | OFF | 2005/05/05 14:45 |

| Ref | Hits | Search Query | Databases | Op | Status | Date/Time |
|---|---|---|---|---|---|---|
| S78 | 1 | ((RFID) or (radio adj frequency adj identification)) with (base adj station) and (multiple or many or plurality) with (transponder$2) and worst adj1 case | USPAT | OR | OFF | 2005/05/05 14:32 |
| S82 | 1 | ((RFID) or (radio adj frequency adj identification)) with (base adj station) and worst adj1 case and transponder$3 | USPAT | OR | OFF | 2005/05/05 14:34 |
| S83 | 1 | ((RFID) or (radio adj frequency adj identification)) with (base adj station) and (multiple or many or plurality) with (transponder$2) and frequency adj hopping | USPAT | OR | OFF | 2005/05/05 14:48 |
| S84 | 2 | ((RFID) or (radio adj frequency adj identification)) with (base adj station) and (transponder$2) and frequency adj hopping | USPAT | OR | OFF | 2005/05/05 14:50 |
| S85 | 1 | ((RFID) or (radio adj frequency adj identification)) with (base adj station) and transmitter and receiver and frequency adj hopping | USPAT | OR | OFF | 2005/05/05 14:50 |
| S86 | 4 | (("20030002601") or ("20020196842") or ("20020167999") or ("20030123589")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/05/05 15:43 |
| S87 | 91 | RFID and worst adj1 case | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/09 09:49 |
| S88 | 1 | RFID and worst adj1 case adj transaction | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/09 09:49 |
| S90 | 1 | RFID and worst adj1 case same (long$3 with time with transaction) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/09 09:50 |
| S91 | 6 | RFID and (long$3 with time with transaction) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/09 09:51 |

| Ref | Hits | Search Query | Databases | Op | Status | Date/Time |
|---|---|---|---|---|---|---|
| S92 | 341 | RFID and (transaction with time) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/09 09:51 |
| S93 | 6 | RFID and (transaction with (time or duration)) with (longest or largest or most) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/09 09:56 |
| S94 | 13 | RFID and (worst adj1 case with time) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/09 11:03 |
| S95 | 65 | RFID and transponder$2 and processor with (ADC or ("A/D") or analog adj1 digital adj converter) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/09 11:04 |
| S96 | 4 | RFID and transponder$2 and processor with (ADC or ("A/D") or analog adj1 digital adj converter) with (transmitter) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/09 11:07 |
| S97 | 4 | RFID and processor with (ADC or ("A/D") or analog adj1 digital adj converter) with (transmitter) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/09 11:09 |
| S98 | 29 | RFID and (ADC or ("A/D") or analog adj1 digital adj converter) with (transmitter) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/09 13:02 |
| S99 | 518 | RFID and transmi$5 with time with signal | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/09 13:02 |

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|---|---|---|---|---|---|---|---|
| S10 0 | 225 | RFID and transmi$5 with time with signal and transponder$2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | | OFF | 2005/05/09 13:02 |
| S10 1 | 93 | RFID and (calculat$3 or determin$3 or measur$3) with transmi$5 with time with signal and transponder$2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | | OFF | 2005/05/09 13:03 |
| S10 2 | 68 | RFID and (calculat$3 or determin$3 or measur$3) with transmi$5 with receiv$3 with time with signal and transponder$2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | | OFF | 2005/05/09 14:00 |
| S10 3 | 55 | RFID and (calculat$3 or determin$3 or measur$3 or estimat$3) with transmi$5 with receiv$3 with time with signal and transponder$2 and time with (performance or transaction or send$3 with receiv$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | | OFF | 2005/05/09 13:06 |
| S10 4 | 32 | RFID and (calculat$3 or determin$3 or measur$3) with transmi$5 with receiv$3 with time with signal and transponder$2 and frequency adj hopping | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | | OFF | 2005/05/09 14:30 |
| S10 5 | 1 | RFID and frequency adj hopping and second with signal with carrier adj frequency with time | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | | OFF | 2005/05/09 16:15 |
| S10 6 | 6 | RFID and frequency adj hopping and power with transaction | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | | OFF | 2005/05/09 16:15 |
| S10 7 | 183 | RFID and frequency adj hopping and power with transmi$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | | OFF | 2005/05/09 16:17 |

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|---|---|---|---|---|---|---|---|
| S10 8 | 12 | RFID and frequency adj hopping with (chang$3 or modif$3 or alter$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | | OFF | 2005/05/09 16:17 |